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(54) Title: DIHYDROOROTATE DEHYDROGENASE INHIBITORS FOR THE TREATMENT OF VIRAL-MEDIATED DISEASES

(57) Abstract: Flavivirus. rhabdovirus and paramyxovirus infections may be treated by administering an inhibitor of the enzyme dihydroorotate dehydrogenase such as 6-fluoro-2-(2'-fluoro-1,1'-biphenyl-4-yl)-3-methyl-4-quinolinearcarboxylic acid sodium salt (Brequinar). A synergistic effect can be obtained if an interferon such as interferon  $\alpha$ 2. interferon  $\alpha$ 8 or interferon  $\beta$ , or an inhibitor of a second enzyme selected from inosine monophosphate dehydrogenase, guanosine monophosphate synthetase, cytidine triphosphate synthetase and S-adenosylhomocysteine hydrolase, is also administered.